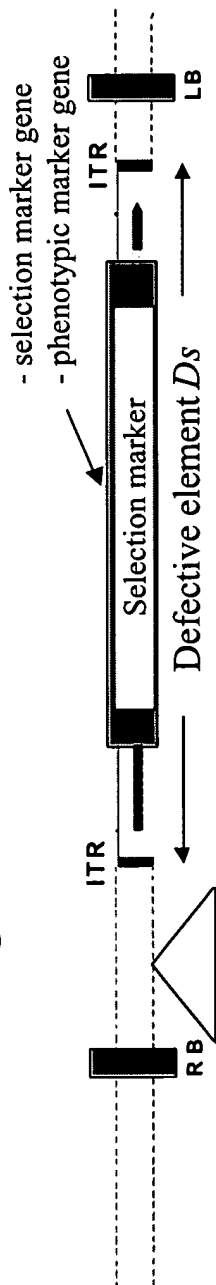




A) Organization of the fragment transferred to the plants



Gene of interest (GOI)

RB, LB: sequences bordering the T-DNA, which will be integrated into the genome of the plant
ITR: "Inverted Terminal Repeat", sequence recognized by the transposase

B) Interaction between the transposase and the DS-marker gene

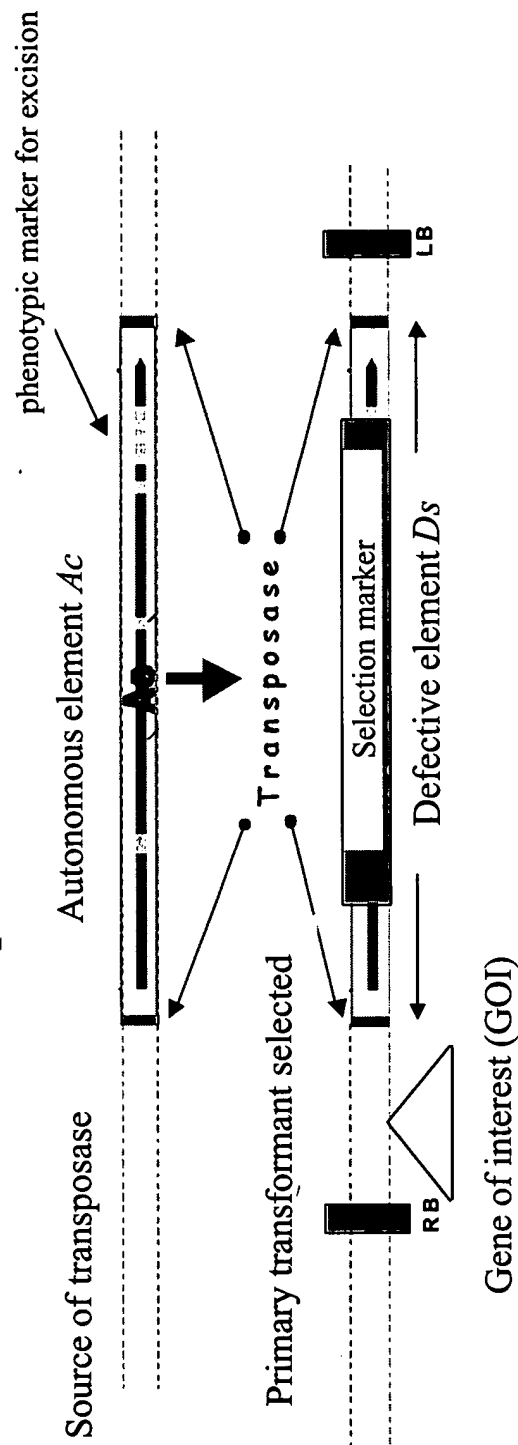
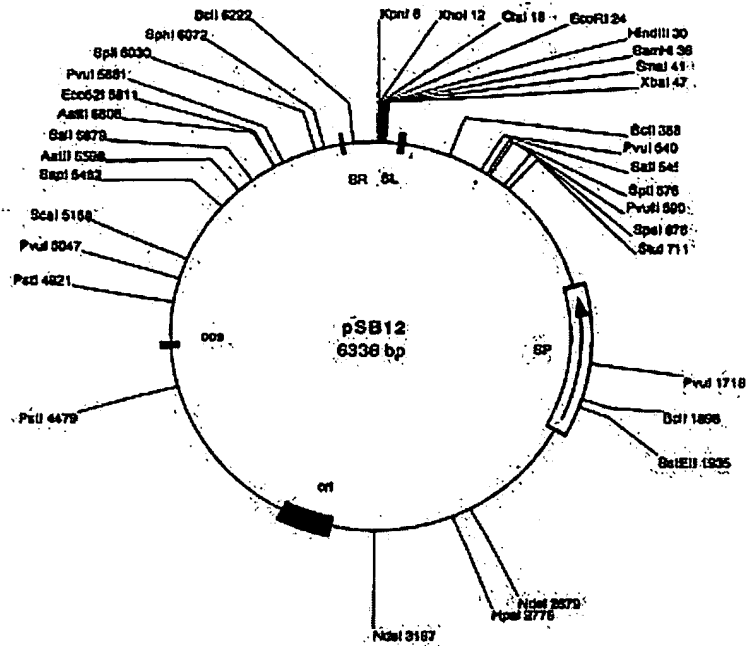


Figure 1



Insertion of a sequence containing the
DS::NptII element between the RB and LB borders of pSB12

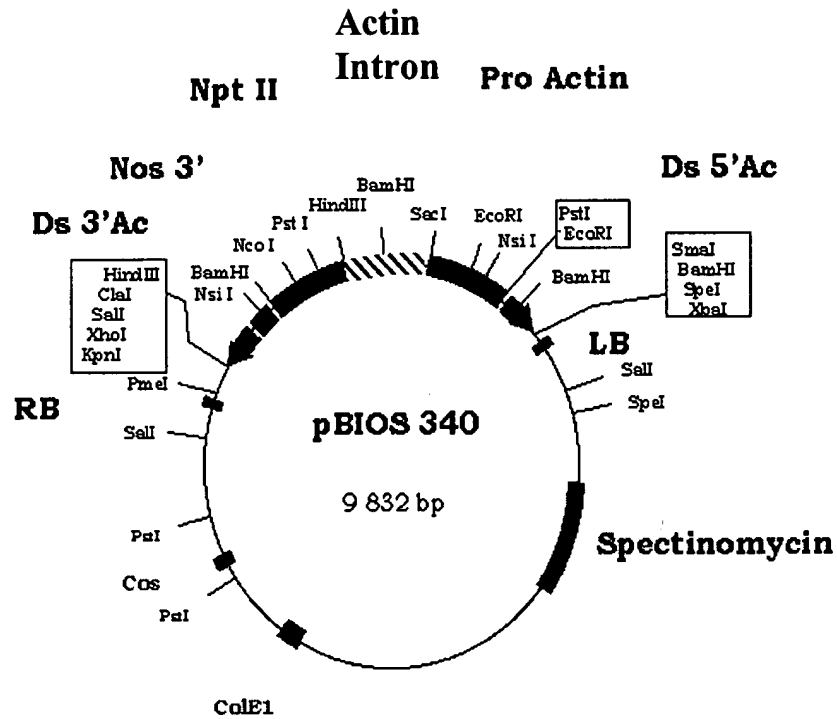
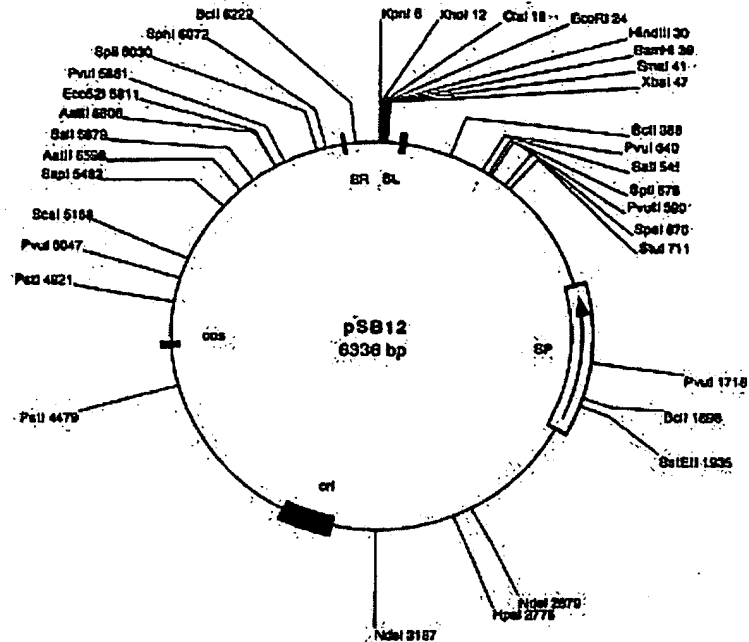


Figure 2 (A)



Insertion of a sequence containing the
DS::*bar* element between the RB and LB borders of pSB12

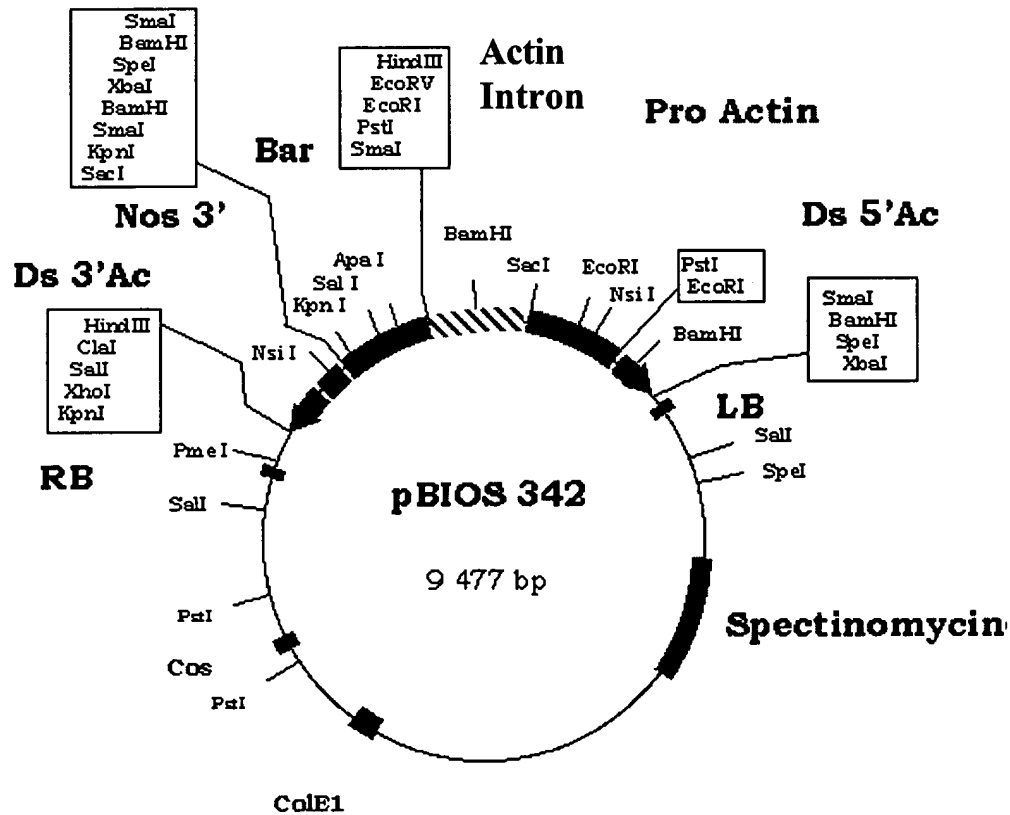


Figure 2 (B)

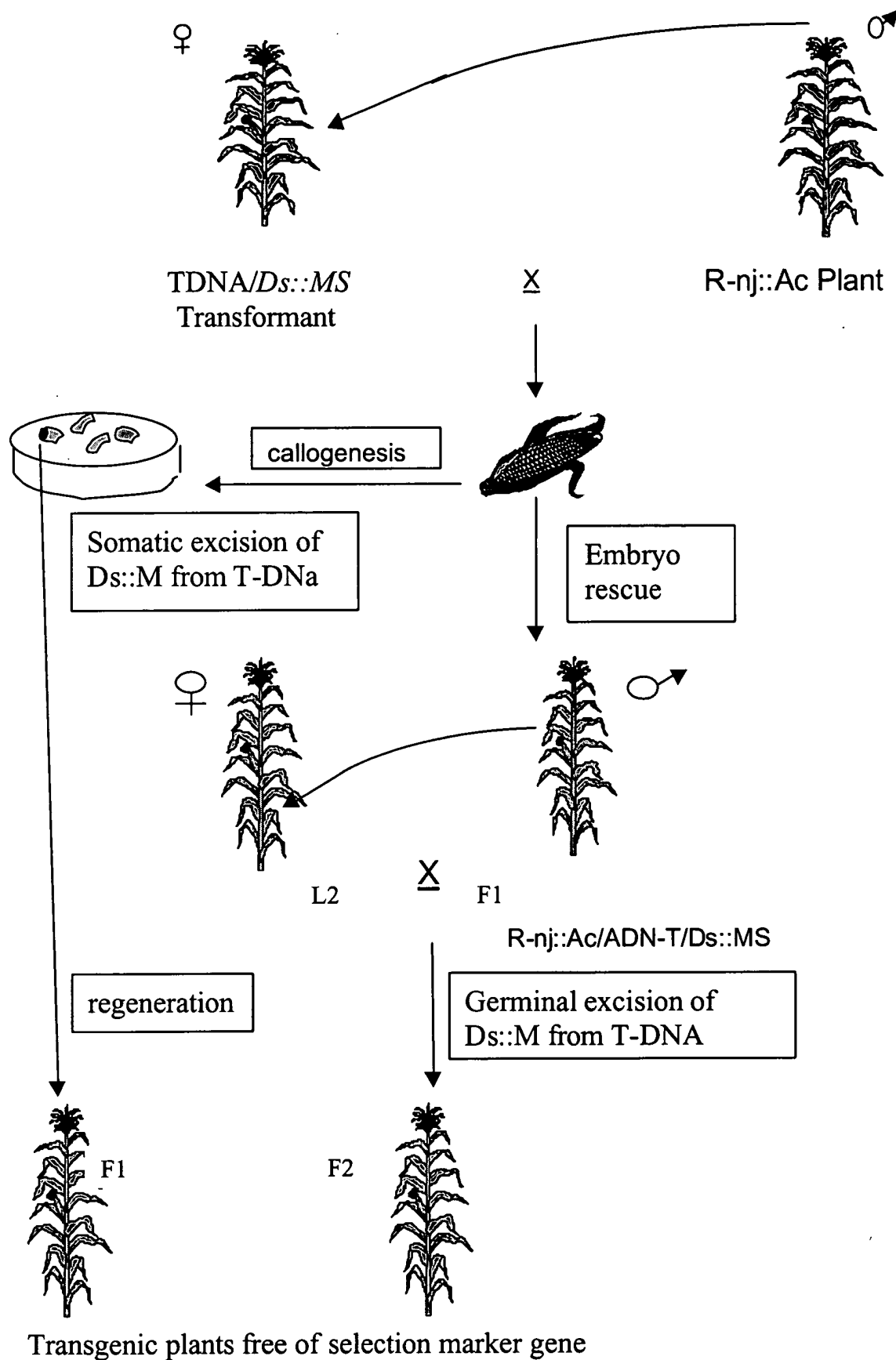


Figure 3

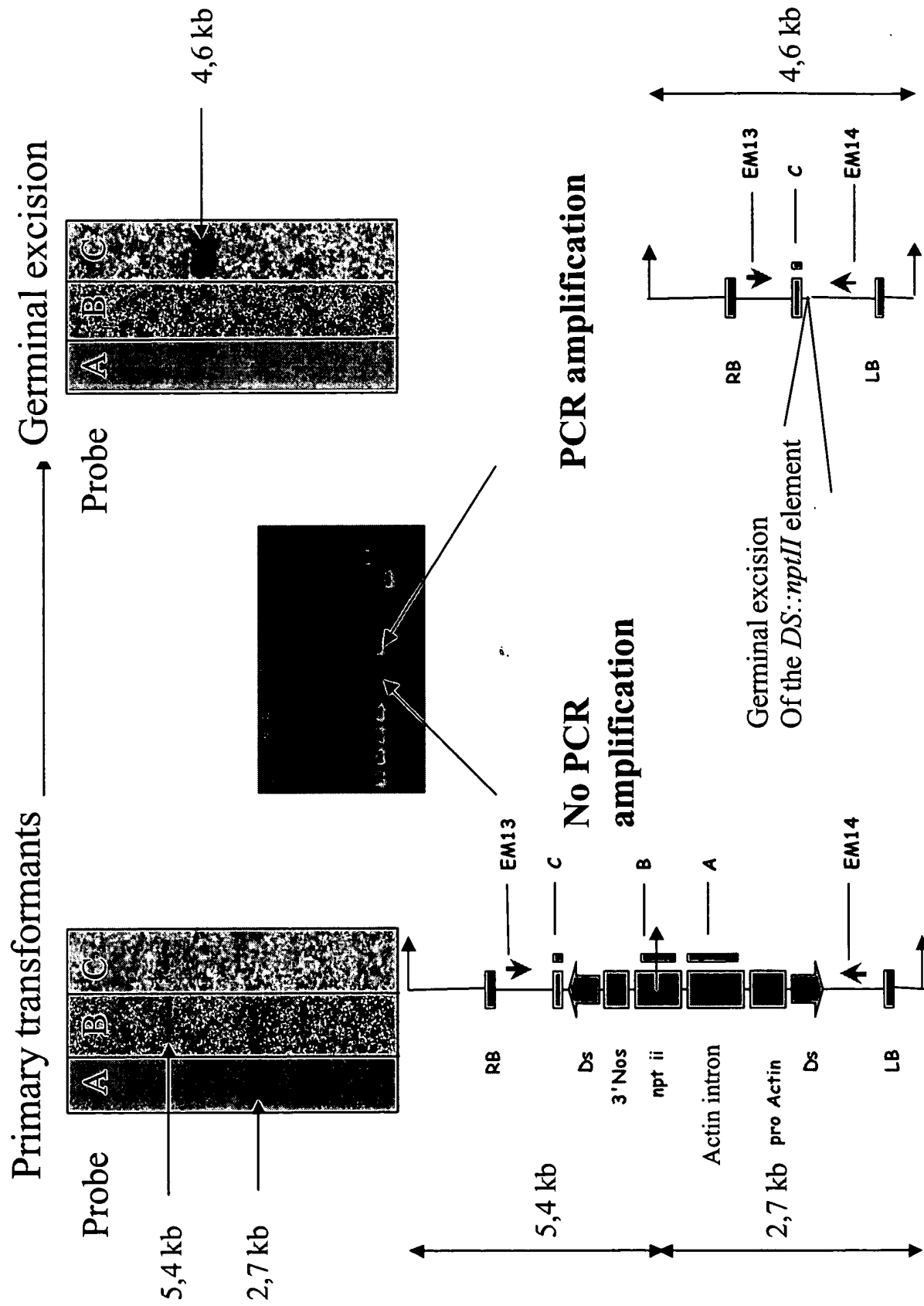


Figure 4

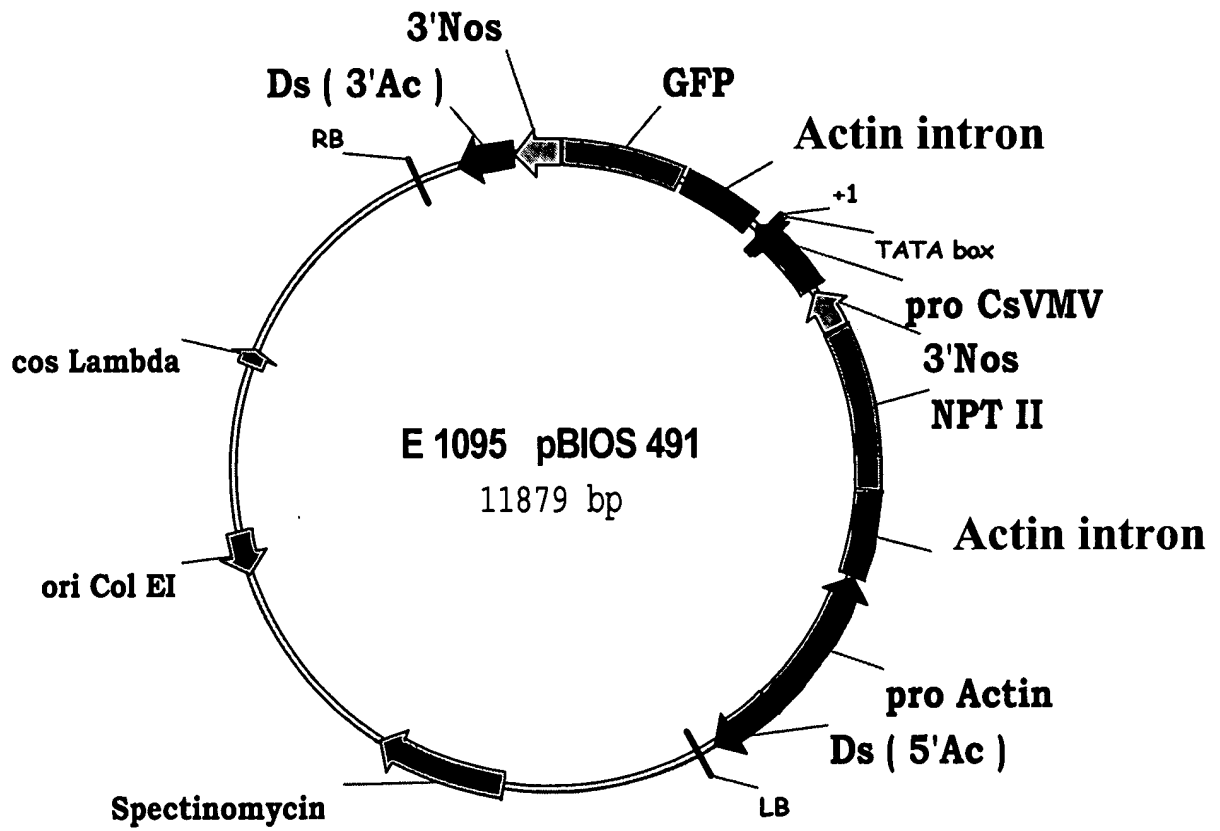


Figure 5

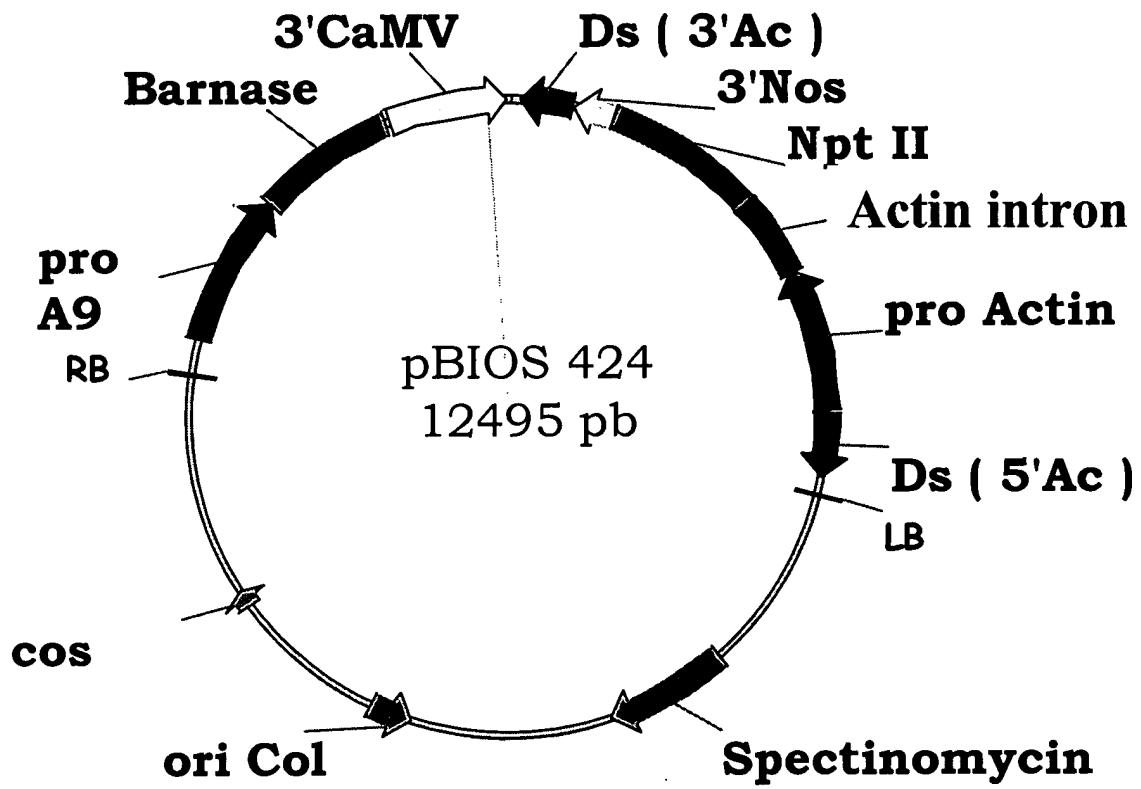


Figure 6